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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	May 12	EXTEND option available in structure searching
NEWS	4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in Cplus
NEWS	6	May 27	Cplus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02	Cplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	17	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	18	SEP 01	INPADOC: New family current-awareness alert (SDI) available
NEWS	19	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	20	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS	21	SEP 14	STN Patent Forum to be held October 13, 2004, in Iselin, NJ
NEWS EXPRESS			JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
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=> s protein aggregation
L1 11504 PROTEIN AGGREGATION

=> s l1 and charge
L2 576 L1 AND CHARGE

=> s l2 and N-terminal charge
L3 0 L2 AND N-TERMINAL CHARGE

=> s (protein aggregation) with (non-aggregation)
MISSING OPERATOR REGATION) WITH
The search profile that was entered contains terms or
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=> s (protein aggregation) and (non-aggregation)
13 FILES SEARCHED...
L4 4 (PROTEIN AGGREGATION) AND (NON-AGGREGATION)

=> d l4 ti abs ibib tot

L4 ANSWER 1 OF 4 USPATFULL on STN

TI Method for screening for anti-amyloidogenic properties and method for
treatment of neurodegenerative disease
AB The methodologies of the present invention demonstrate that a critical
balance between pro- and anti-amyloidogenic molecules exists that
regulates amyloid formation and cell death in Alzheimer's disease and
Parkinson's disease. β -Synuclein, the non-amyloidogenic homologue
of α -synuclein, is a negative modulator of α -synuclein and
 $A\beta$ aggregation, having neuroprotective properties against
 α -synuclein and $A\beta$ neurotoxicity and that β -synuclein
and therapeutic agents derived therefrom block amyloidogenesis and
neurodegeneration in vivo. The method of the present invention
establishes that β -synuclein blocks $A\beta$ aggregation either by
direct inhibition of $A\beta$ amyloidogenesis or indirectly via either
 α -synuclein or its 35 a.a. NAC region, inferring neuroprotective
characteristics within the effected cells. The generation of a
transgenic mouse line and a cell system overexpressing α -synuclein
characterizes the mechanisms by which β -synuclein blocks
 α -synuclein and $A\beta$ aggregation and that this mechanism offers
protection to the cell against amyloid formation as seen in the
pathologies of Alzheimer's disease and Parkinson's disease.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:167214 USPATFULL
TITLE: Method for screening for anti-amyloidogenic properties
and method for treatment of neurodegenerative disease
INVENTOR(S): Masliah, Eliezer, San Diego, CA, UNITED STATES
Rockenstein, Edward, Chula Vista, CA, UNITED STATES
Hashimoto, Makoto, La Jolla, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004128706	A1	20040701
APPLICATION INFO.:	US 2003-204337	A1	20030522 (10)
	WO 2001-US5569		20010220
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	BROWN, MARTIN, HALLER & MCCLAIN LLP, 1660 UNION STREET, SAN DIEGO, CA, 92101-2926		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Page(s)		
LINE COUNT:	1350		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 4 USPATFULL on STN

TI Non aggregating fluorescent proteins and methods for using the same
AB Nucleic acid compositions encoding non-aggregating chromo/fluoroproteins
and mutants thereof, as well as the proteins encoded by the same, are
provided. The proteins of interest are polypeptides that are
non-aggregating colored and/or fluorescent proteins, where the the
non-aggregating feature arises from the modulation of residues in the

N-terminus of the protein and the chromo and/or fluorescent feature arises from the interaction of two or more residues of the protein. Also provided are fragments of the subject nucleic acids and the peptides encoded thereby, as well as antibodies to the subject proteins and transgenic cells and organisms. The subject protein and nucleic acid compositions find use in a variety of different applications. Finally, kits for use in such applications, e.g., that include the subject nucleic acid compositions, are provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:30340 USPATFULL
 TITLE: Non aggregating fluorescent proteins and methods for using the same
 INVENTOR(S): Lukyanov, Sergey, Moscow, RUSSIAN FEDERATION
 Lukyanov, Konstantin, Moscow, RUSSIAN FEDERATION
 Yanushevich, Yuriy, Moscow, RUSSIAN FEDERATION
 Savitsky, Alexandr, Moscow, RUSSIAN FEDERATION
 Fradkov, Arcady, Moscow, RUSSIAN FEDERATION

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003022287	A1	20030130
APPLICATION INFO.:	US 2002-81864	A1	20020220 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-6922, filed on 4 Dec 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-270983P	20010221 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BOZICEVIC, FIELD & FRANCIS LLP, 200 MIDDLEFIELD RD, SUITE 200, MENLO PARK, CA, 94025	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	2207	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 4 USPATFULL on STN
 TI Modified forms of hepatitis C NS3 protease for facilitating inhibitor screening and structural studies of protease:inhibitor complexes
 AB The present invention relates to modified Hepatitis C NS3 proteases and modified Hepatitis C NS4a-NS3 fusion proteases. These proteins are highly soluble and are useful for NMR spectroscopy, X-ray crystallography, and inhibitor screening. DNA constructs are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:198542 USPATFULL
 TITLE: Modified forms of hepatitis C NS3 protease for facilitating inhibitor screening and structural studies of protease:inhibitor complexes
 INVENTOR(S): Wittekind, Michael, Doylestown, PA, UNITED STATES
 Weinheirner, Steven, Northford, CT, UNITED STATES
 Zhang, Yagun, Holland, PA, UNITED STATES
 Goldfarb, Valentina, Franklin Park, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002106642	A1	20020808
APPLICATION INFO.:	US 2001-965594	A1	20010927 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-478479, filed on 6 Jan 2000, UNKNOWN		

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MARLA J MATHIAS, BRISTOL-MYERS SQUIBB COMPANY, PATENT
DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000
NUMBER OF CLAIMS: 37
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 18 Drawing Page(s)
LINE COUNT: 1945
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 4 USPATFULL on STN
TI Modified forms of Hepatitis C NS3 protease for facilitating inhibitor
screening and structural studies of protease: inhibitor complexes
AB The present invention relates to modified Hepatitis C NS3 proteases and
modified Hepatitis C NS4a-NS3 fusion proteases. These proteins are
highly soluble and are useful for NMR spectroscopy, X-ray
crystallography, and inhibitor screening. DNA constructs are also
provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2001:235118 USPATFULL
TITLE: Modified forms of Hepatitis C NS3 protease for
facilitating inhibitor screening and structural studies
of protease: inhibitor complexes
INVENTOR(S): Wittekind, Michael, Doylestown, PA, United States
Weinheimer, Steven, Northford, CT, United States
Zhang, Yaqun, Holland, PA, United States
Goldfarb, Valentina, Franklin Park, NJ, United States
PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, Princeton, NJ, United
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6333186	B1	20011225
APPLICATION INFO.:	US 2000-478479		20000106 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-115271P	19990108 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Clark, Deborah J. R.	
ASSISTANT EXAMINER:	Sorbello, Eleanor	
LEGAL REPRESENTATIVE:	Sher, Audrey F.	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	20 Drawing Figure(s); 18 Drawing Page(s)	
LINE COUNT:	1593	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'MEDLINE, FSTA, WPIDS, BIOSIS, USPATFULL, EMBASE, DGENE, BIOTECHDS,
JICST-EPLUS, HCAPLUS, SCISEARCH, CEN, CEABA-VTB, JAPIO' ENTERED AT
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L1 11504 S PROTEIN AGGREGATION
L2 576 S L1 AND CHARGE
L3 0 S L2 AND N-TERMINAL CHARGE
L4 4 S (PROTEIN AGGREGATION) AND (NON-AGGREGATION)

=> s l2 and polar solvent

L5 3 L2 AND POLAR SOLVENT

=> d l5 ti abs ibib tot

L5 ANSWER 1 OF 3 USPATFULL on STN

TI Protein purification

AB A method for purifying proteins by Protein A chromatography is described which comprises removing contaminants by washing the solid phase with various intermediate wash buffers.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:220444 USPATFULL

TITLE: Protein purification

INVENTOR(S): Breece, Timothy N., San Francisco, CA, UNITED STATES
Fahrner, Robert L., San Mateo, CA, UNITED STATES
Gorrell, Jeffrey R., San Bruno, CA, UNITED STATES
Lazzareschi, Kathlyn Pham, San Mateo, CA, UNITED STATES
Lester, Philip M., San Lorenzo, CA, UNITED STATES
Peng, David, Daly City, CA, UNITED STATES

PATENT ASSIGNEE(S): GENENTECH, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003153735	A1	20030814
APPLICATION INFO.:	US 2003-356974	A1	20030203 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-354579P	20020205 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, 94080	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	1333	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 3 USPATFULL on STN

TI Method for activity profiling compound mixtures

AB A method is described for identifying compounds in a complex mixture exhibiting a predetermined characteristic. The mixture is separated into fractions using at least two unique sets of separation parameters to produce at least two series of separation parameter dependent fractions. In one embodiment the mixtures are separated chromatographically using unique sets of separation parameters and the fractions are analyzed spectroscopically to provide data indicative of the component compounds and the fractions are analyzed in synchronously combined fractions, for the predetermined characteristic. The spectroscopic data for the fractions exhibiting the predetermined characteristic are compared to identify compound(s) common to the fractions exhibiting the characteristic. The method can be implemented in an automatic chromatographic system to provide rapid screening of complex compound mixtures for predetermined chemical or biological characteristics and to identify those components of the mixture exhibiting such characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:161893 USPATFULL

TITLE: Method for activity profiling compound mixtures

INVENTOR(S): Pidgeon, Charles, Cambridge, MA, United States
Rooke, Nadege M., Framingham, MA, United States
Ruell, Jeffrey A., Boston, MA, United States

PATENT ASSIGNEE(S): BDC Pharma LLC, Chicago, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6579720	B1	20030617
APPLICATION INFO.:	US 2000-569427		20000512 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-133968P	19990513 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Ludlow, Jan	
LEGAL REPRESENTATIVE:	Barnes & Thornburg	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	29 Drawing Figure(s); 26 Drawing Page(s)	
LINE COUNT:	1854	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 3 USPATFULL on STN
TI Purification of recombinant human neurotrophins
AB Methods are provided for large scale purification of neurotrophins, including mature NGF, suitable for clinical use. The methods provide means to separate neurotrophins from various less desirable misprocessed, misfolded, size, glycosylated, or **charge** forms. Compositions of neurotrophins, including mature NGF, substantially free of these variants are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 1999:167121 USPATFULL
TITLE: Purification of recombinant human neurotrophins
INVENTOR(S): Burton, Louis E., San Mateo, CA, United States
Schmelzer, Charles H., Burlingame, CA, United States
Beck, Joanne T., Westlake Village, CA, United States
PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6005081		19991221
APPLICATION INFO.:	US 1997-970865		19971114 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-30838P	19961115 (60)
	US 1997-47855P	19970529 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Tsang, Cecilia J.	
ASSISTANT EXAMINER:	Mohamed, Abdel A.	
LEGAL REPRESENTATIVE:	Torchia, Timothy E.	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	17 Drawing Figure(s); 16 Drawing Page(s)	
LINE COUNT:	2397	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 11 and pH
L6 2189 L1 AND PH

=> s 16 and pI

L7 240 L6 AND PI

=> s l1 and solution

L8 1677 L1 AND SOLUTION

=> s l8 and charge

L9 388 L8 AND CHARGE

=> s l9 and l7

L10 158 L9 AND L7

=> s l10 and mutation

L11 91 L10 AND MUTATION

=> s l11 and fluorescent protein

L12 43 L11 AND FLUORESCENT PROTEIN

=> s l12 and chromoprotein

L13 0 L12 AND CHROMOPROTEIN